<b>Work Order ID 106724</b> September-11-13 11:34:27 AM			*106724*									Page 1
Item ID: Revision ID: Item Name:	D4088-041 Shoulder Harne	PQC		Accept		*N900	<b>1040</b>	110	<b>)</b> * s	Setup Sta	I W .	S1* S2*
	9/11/13	Start Qty: 8.00 Req'd Qty: 8.00	*8* *8*			Cust Item Customer						
Approvals:	Process Plan	n: MUS	Date: 13-09-12	Tooling	<b>;:</b>		Date:		F	Run Sta	I <i>V</i> I	R1*
	QC:			SPC (Y		J	Date:			Sto	*NI	R2*
Sequence ID/ Work Center II		Operation Description		Set U Run	Jp/ Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	sion Nbr					_				, market	
D4088	A											
*1 \\ Purchasing  Purchasing		Supplier:AN	2   333 e D4088-041 as per Dwg D4 4SAFE INC. of conformity is required	0.00						X_13/	09/13(	3
*110 *110* Packaging Packaging		Receive & Inspect for Da	amage & Mat'l Certs	0.00						13/1	10/8	8
120 *120* QC Quality Control		QC6- Inspect dimension  Memo	s to drawing	0.00	DAS 27 9-89	46			8	en province of management of the second		

		-		
DQA:	Date:			
			~	_

NCR: Yes / No

## **WORK ORDER NON-CONFORMANCE / UPDATE**

									QA Closed:	Dat	te:
Work Orde	er:				DISPOSITION			AGAINST DE	PARTMENT	/PROCESS	
Part N					Rework Scrap		Skid-tube Machining	Crosstube Small Fab	ł	Water Jet d. Eng. Coor.	Quality
NCR N	lo				Use-as-is Work Order Update	Ther	Thermoforming Finishing Large Fab Composite			re/Packaging Supplier	Other
Root				Descri	ption of work order update	Initial	A	ction	Sign &		
Cause	Dat	e Step	Qty		or Non-conformance	Chief Eng	Des	cription	Date	Verification	n QC Inspector
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier						ļ					
Training				!		ł					
Unapproved											
					F	<b>AULT CATE</b>	GORY				
Landi	ng Gear				General				•	•	
	Bendi	ng			Bend	Grain			Ovalized		Pressure/Forced
	Centr	Not Conce	entric to	o/s	BOM/Route	Hardw	are		Over/Under	tolerance	Temperature/Cure
	Crack	i			Broken/Damaged	Inspec	tion Incomplete		Part Incorre	ct	Weld
	Crush	ed/Crimped	ł	L	Burrs	Instruc	tions Incomplete	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs			Contamination	Maint	enance		Part Moved			
	Heat Treat				Countersink	Mislab	eled		Positioned V	Vrong	
Inspection Strip in Tube			Cut Too Short	Misrea	d		Power Loss/	Surge	Other		
Ripples in Bend			Drill Holes	Offset							
	Torqu	e Waves in	Extrusio	n	Drawing	Out of	Calibration				
Turning Sequence					Finish	U Out of	Out of Sequence				,
	Wave/Twist in Tube				Folio	Outside Dimensions					

<b>Work Order ID 106724</b> September-11-13 11:34:27 AM				*106	3724*				777			Page 2
Item ID: Revision ID: Item Name:	D4088-041 Shoulder Harr	ness		Accept	*N900	<b>040</b>	100	* Se	etup St Si		*N.S	31* 32*
Start Date: Required Date: Reference:	9/11/13 9/11/13	Start Qty: 8.00 Req'd Qty: 8.00	*8* *8*		Cust Item I Customer:	D:						
Approvals:	Process Pla	ın:	Date:	Tooling: _ SPC (Y/N):		ate:		R		art ;	*NF *NF	२1* २2*
Sequence ID/ Work Center II 130 *130* Packaging Packaging	D	Operation Description Identify as per dwg & St Memo	ock Location: <u>57368</u>	Set Up/ Run Hours 0.00	Tool ID	Tool #	Code	Accept Qty	Reject Qty D/ 29-	Nu S 13		Insp. Stamp
140 *140* QC Quality Control		QC21- Final Inspection	Work Order Release	0.00			-	MUS	5	W1 3-10	<u>5 (</u>	3-10-11

											DQA:	Date			
NCR:	es /	No				WORK ORDER NON-	CO	NFORM	MANCE / UP	DATE					
						I					QA Closed	Date	:		
Work Orde	ař•					DISPOSITION				AGAINST DI	NINST DEPARTMENT/PROCESS				
Work or at						Rework	7		Skid-tube	Crosstube	7	Water Jet	Engineering		
Part N	lo.					Scrap	┨	1	Machining	Small Fab	Pro	od. Eng. Coor.	Quality		
						·			Finishing	<b>⊣</b>	re/Packaging	Other			
NCR No.					Work Order Update Large Fab Composite			· -	]	Supplier					
Root					Descri	ption of work order update		Initial	Ac	tion	Sign &	Ī			
Cause	Di	ate	Step	Qty	(	or Non-conformance	Cł	nief Eng	Desc	ription	Date	Verification	QC Inspector		
Doc/Data															
Equip/Tooling		- 1													
Operator															
Material				.											
Setup	Ц		#14C												
Other			٤.					٠							
Process			*												
Supplier															
Training	$\Box$														
Unapproved													<u> </u>		
						· · · · · · · · · · · · · · · · · · ·	FAUI	LT CATE	GORY						
Landi	ng Gear				_	General		<b>7</b>		_	٦	_	٦		
	Ben	_				Bend	-	Grain		<u> </u>	Ovalized	⊢	Pressure/Forced		
			t Concer	ntric to (	<sup>O/S</sup>	BOM/Route	$\vdash$	Hardwa		<u> </u>	Over/Under		Temperature/Cure		
Cracks		Broken/Damaged	<u> </u>	4 '	on Incomplete	,, <del> </del>	Part Incorre	<b>⊢</b>	Weld						
			Burrs	$\vdash$	4	ions Incomplete/	Unclear	Part Lost/N	· -	Wrong Stock Pulled					
	Cuff					Contamination	-	Mainte		ļ	Part Moved				
	Н	t Trea	_		$\vdash$	Countersink	$\vdash$	Mislabe		<u> </u>	Positioned		Tout		
	Inspection Strip in Tube			Tube		Cut Too Short	- 1	Misread	1		Power Loss	/Surge	Other		

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

**Picklist Print** 

September-11-13 11:34:26 AM

Work Order ID:

106724

Parent Item:

D4088-041

Parent Item Name:

Shoulder Harness

**Start Date:** 9/11/13

Required Date: 9/11/13

Page 1

Start Qty: 8.00

Required Qty: 8.00

Comments:

IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
3221-1-011-2396		Purchased	No			110	Each	0.0000	1	8		1/10	(0)
Shoulder Harness									Color		1-73	[]][	(0)

											DQA	: Da	ate:	
NCR:	Yes	/ No				WORK ORDER NON-	cor	NFOR	MANCE / UPD	ATE				7
								_			QA Closed	: Da	te:	
Work Ord	or.					DISPOSITION			AGAINST DEPARTMENT/PROCESS					
WORK OIG	e1.				·	Rework	۱ ا		Skid-tube	Crosstube	7	Water Jet	. [	Engineering
Part I	No.					Scrap		1,	Machining	Small Fab	Pre	od. Eng. Coor.	-	Quality
raiti	10.					Use-as-is	<b>-</b>		noforming	Finishing	-1	ore/Packaging		Other
NCR I	No.					Work Order Update		'''	Large Fab	Composite	1 1100,511	Supplier	$\overline{}$	
							ן נ		8		_			i <u> </u>
Root					Descri	ption of work order update	П	Initial	Acti	on	Sign &			-
Cause		Date	Step	Qty		or Non-conformance	Cr	nief Eng	Descri	ption	Date	Verification	n	QC Inspector
Doc/Data								•						
Equip/Tooling							1							
Operator														
Material														
Setup							1							
Other														
Process													İ	
Supplier													i	
Training						•								
Unapproved														
						F	AUI	LT CATE	GORY					
Landi	ng (	Sear			,	General	_	_			_		_	1
	<u> </u>	Bending				Bend	L	Grain			Ovalized		<u></u>	Pressure/Forced
Centre Not Concentric to O/S			BOM/Route		Hardware			Over/Under tolerance		$\vdash$	Temperature/Cure			
	<u></u>	Cracks				Broken/Damaged	$\perp$	Inspect	ion Incomplete		Part Incorre		_	Weld
	Crushed/Crimped Burrs					1	Instructions Incomplete/Unclear			Part Lost/Missing			Wrong Stock Pulled	

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Contamination Countersink

Cut Too Short

Drill Holes

Drawing

Finish

Folio

Part Moved

Positioned Wrong

Power Loss/Surge

Other

Turning Sequence
Wave/Twist in Tube

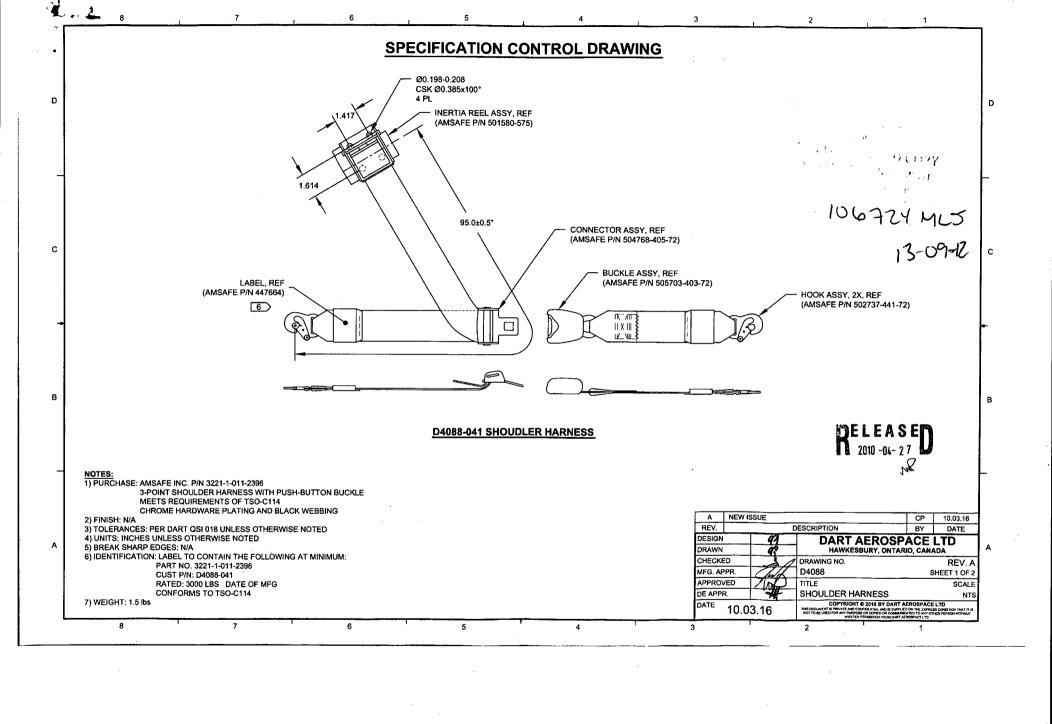
Ripples in Bend

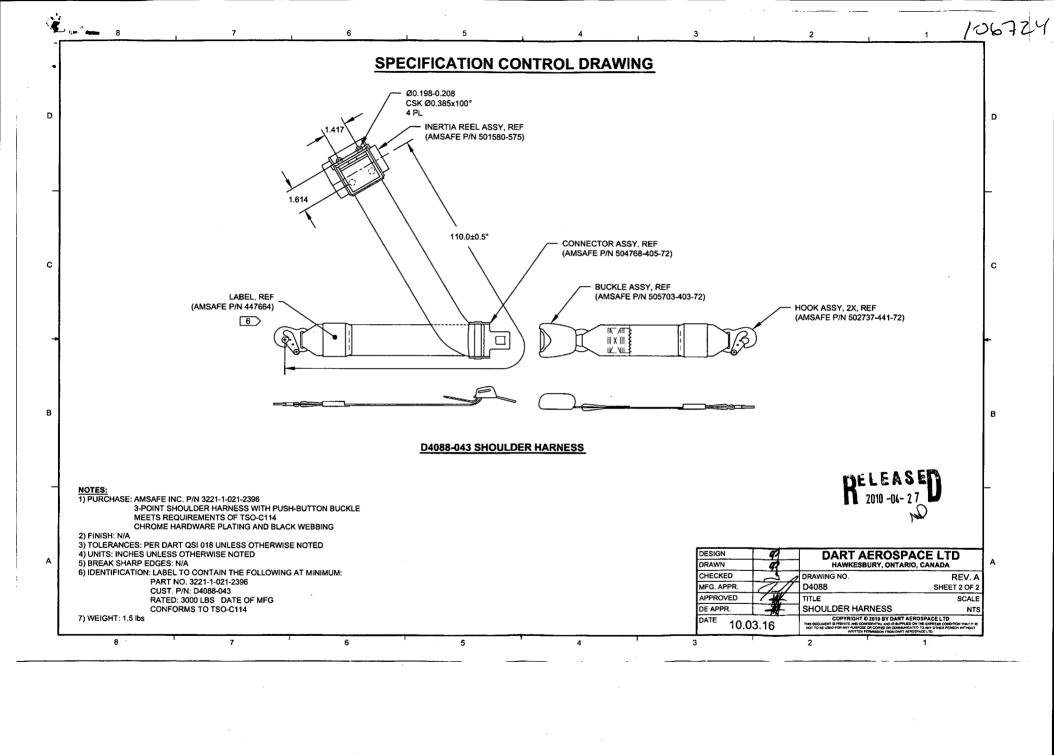
Cuffs

Heat Treat

Inspection Strip in Tube

Torque Waves in Extrusion





## AmSafe

1043 NORTH 47th AVENUE PHOENIX, AZ 85043 PH (602)850-2850 FAX (602)850-2812



CUSTOMER NO.

10006113

S263251

DART AEROSPACE 1270 ABERDEEN STREET HAWKESBURY HAWKESBURY, ON K6A 1K7 Canada

Sales Order Remarks: 1517-9324-0

SALES ORDER NO.

**BOL NO.** 000313942

> DART AEROSPACE LTD. 1270 ABERDEEN ST HAWKSBURY,, ON K6A 1K7 Canada

10/07/13

PAGE NO.

CUSTOMER ORDER NO.

PO21333

Remarks:

TERMS NET30 FREIGHT COLLECT SHIP VIA

FedEx P1 10:30 AM

F.O.B. ORIGIN

Ship to ID: 10006125

SHIPMENT REFERENCE 000313942

LINE	ITEM NUMBER / DESCRIPTION	DRAV	VING ANE	CERTIFICATIONS	DUE DATE	OTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
	Cust. Item No.: D4088-0	D41	<del>Z-halakoccombana</del>	<u> </u>			8)	
2	3221-1-011-2396	DRAWING:	3221	CERT: TSO-C114	2013-10-04	8	)	
	REST SYS ASSY W/IR	REV:	Α	Lot/Serial Numbers Ship S263251-2	ped Quantity 8.0	Expire Ref.		0
	Cust. Item No.: D4071-0	041	and 1225		\		6	
1	4147-2-041-2396	DRAWING:	4147	CERT: TSO-C114	2013-10-04	6		
	REST SYS ASSY W/IR	REV:	Н	Lot/Serial Numbers Ship S263251-1	ped Quantity 6.0	Expire Ref.		0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of a craft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications of the standards applicable are retained on file at AmSafe Aviation.

AmSafe	Authorized	Signature:	Х
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Printed Name: Lorena Rami

Dated: \_\_\_0

QCT/0 7 2013

**COUNTRY OF ORIGIN USA** 

COPY

Autho	ng National Aviation ority/Country:	2. <b>A</b>	UTHORIZED				3. Form Tracking	Number:	
FAA	/United States		FAA Form 8130-3,	AIRWORTHIN	ESS APPROVA	AL TAG	S2632	51-21/	
4. Organiza	ation Name and Address:	1	AmSafe Aviation 1043 North 47th Avenue Phoenix, Arizona 85043	(	5. Work order/Co Number: \$263:	251 - 2			
6. Item:	7. Description:		8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Nu		ıs/Work:	
1	REST SYS ASSY W/I	3221-1-011-2396	N/A	8	A09/3	NEW			
13. Remarks	Rev: A	C114				110110	) <u> </u>		
EXPORT		HOVAL:	THIS ARTICLE MEETS T	HE SPECIAL REQ	UIREMENTS OF (	CANADA			
	x the items identified above was Approved design data and		factured in conformity to:  Ondition for safe operation	19. 14 C	FR 43.9 Return to Se	rvice Other	regulation specified in	1 Block 13	
	Non-approved design dat	a specified i	in Block 13.	and described	in Block 13 was accor ations, part 43 and in r	nplished in accordance	ork identified in Block 12 with Title 14, Code of he items are approved fo		
15. Authoriz	zed Signature:	13	16. Approval/Authorization N ODA602112NM	20. Authorized	Signature	2	21. Authorized/Certific	ate No.	
17. Name (t	yped or printed) NELLIE ALVARAD	0	18. Date (m/d/y)/ DCT/Q4/20	22. Names (typ	ped or printed)	2	23. Date (m/d/y):		
			User/Instal	ler Responsibi	lities				
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.  Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/compenents/assemblies from the airworthiness authority of the country specified in Block 1.  Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.									